

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) In a computer based system having a touchscreen, a method comprising:

detecting contact with said touchscreen;

implementing a visual interface within said touchscreen in response to detecting contact;

generating contact information specifying a size of said detected contact with said touchscreen;

comparing said contact information ~~corresponding to said detected contact~~ with contact criteria;

based on said comparing of said contact information, interpreting the detected contact as finger contact and configuring the visual interface for finger contact when said contact information is consistent with contact criteria corresponding to a finger contact;
and,

based on said comparing of said contact information, offsetting an on-screen pointer a distance from said detected contact, wherein the distance is based upon the size of said detected contact, wherein the distance from said detected contact varies as the size of said detected contact varies.

2. (Cancelled)

3. (Cancelled)

4. (Previously Presented) The method of claim 1, wherein said determining step comprises:

for said contact information consistent with said contact criteria corresponding to a stylus contact, interpreting said detected contact as stylus contact; and

responsive to said determining step determining a stylus contact, automatically enabling handwriting recognition software.

5. (Cancelled)

6. (Previously Presented) The method of claim 1, further comprising:

detecting duration of said contact to determine whether said contact was intentional.

7. (Previously Presented) The method of claim 1, further comprising:

detecting the duration between said contact and a second contact; and

determining an occurrence of a double-click event based upon whether said contact and said second contact are each of a particular duration and whether said contact and said second contact occur within a particular time frame of each other.

8. (Original) The method of claim 4, further comprising:

displaying an activated point in said touchscreen beneath said detected contact.

9. (Original) The method of claim 4, further comprising:

converting pointer control information to text.

10. (Previously Presented) The method of claim 1, further comprising:
based on said determining step, presenting a visual interface in said touchscreen corresponding to finger contact or a visual interface in said touchscreen corresponding to stylus contact based on the size of the detected contact.
11. (Previously Presented) In a computer based system having a touchscreen, a method for distinguishing between a finger and a stylus comprising:
detecting contact with said touchscreen;
generating contact information specifying a size of said detected contact with said touchscreen;
comparing said contact information corresponding to said detected contact with contact criteria;
based on said comparing of said contact information and the size of said detected contact, determining whether said contact was initiated by a finger or a stylus;
for said contact information consistent with said contact criteria corresponding to said finger contact, interpreting said detected contact as a finger contact;
for said contact information consistent with said contact criteria corresponding to finger contact, interpreting said detected contact as a finger contact and displaying an activated point in said touchscreen beneath said detected contact; and
for said contact information consistent with said contact criteria corresponding to finger contact, offsetting an on screen point a distance from said contact point such that the distance varies depending on the size of said detected contact.
12. (Currently Amended) A machine readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:
detecting contact with said touchscreen;

implementing a visual interface within said touchscreen in response to detecting contact;

generating contact information specifying a size of said detected contact with said touchscreen;

comparing said contact information ~~corresponding to said detected contact~~ with contact criteria;

based on said comparing of said contact information, interpreting the detected contact as finger contact and configuring the visual interface for finger contact when said contact information is consistent with contact criteria corresponding to a finger contact;
and,

based on said comparing of said contact information, offsetting an on-screen pointer a distance from said detected contact, wherein the distance is based upon the size of said detected contact, wherein the distance from said detected contact varies as the size of said detected contact varies.

13. (Cancelled)

14. (Cancelled)

15. (Previously Presented) The machine readable storage of claim 12, further causing the machine to perform the step of:

for said contact information consistent with said contact criteria corresponding to a stylus contact, interpreting said detected contact as stylus contact; and

responsive to said determining step determining a stylus contact, automatically enabling handwriting recognition software.

16. (Cancelled)

17. (Previously Presented) The machine readable storage of claim 12, further causing the machine to perform the step of:

detecting duration of said contact to determine whether said contact was intentional.

18. (Previously Presented) The machine readable storage of claim 12, further causing the machine to perform the step of:

detecting the duration between said contact and a second contact; and determining an occurrence of a double-click event based upon whether said contact and said second contact are each of a particular duration and whether said contact and said second contact occur within a particular time frame of each other.

19. (Original) The machine readable storage of claim 15, further causing the machine to perform the step of:

displaying an activated point in said touchscreen beneath said detected contact.

20. (Original) The machine readable storage of claim 15, further causing the machine to perform the step of:

converting pointer control information to text.

21. (Previously Presented) The machine readable storage of claim 12, further causing the machine to perform the step of:

based on said determining step, presenting a visual interface in said touchscreen corresponding to a finger contact or a visual interface in said touchscreen corresponding to a stylus contact.

22. (Previously Presented) The method of claim 1, further comprising:
performing at least one programmatic action according to said determining step;
and
based on said comparing of said contact information, determining a contact type
from a set of contact types including a finger contact, a stylus contact, and an accidental
contact, wherein contact criteria contain preset parameters for each of the contact types in
said set.
23. (Previously Presented) The machine readable storage of claim 12, further
causing the machine to perform the step of performing at least one programmatic action
according to said determining step; and
based on said comparing of said contact information, determining a contact type
from a set of contact types including a finger contact, a stylus contact, and an accidental
contact, wherein contact criteria contain preset parameters for each of the contact types in
said set.
24. (Previously Presented) The method of claim 1, wherein the touchscreen is
based upon a pressure stimuli, and wherein the detecting step is dependent in part upon
an amount of pressure applied to the touchscreen.
25. (Previously Presented) The machine readable storage of claim 12, wherein the
touchscreen is based upon a pressure stimuli, and wherein the detecting step is dependent
in part upon an amount of pressure applied to the touchscreen.